

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119662.D
 Acq On : 31 Mar 2020 19:55
 Operator : MA/SJ
 Sample : L2055-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-(1-3)

Manual Integrations
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mohammad
 4/1/2020 11:55:49 AM

Quant Time: Apr 01 00:48:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	290487	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1048737	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	466761	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	716641	20.00	ng	0.00
76) Chrysene-d12	14.02	240	529460	20.00	ng	0.00
87) Perylene-d12	15.49	264	457289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1542634	84.54	ng	0.01
7) Phenol-d6	6.46	99	1944893	83.44	ng	0.00
23) Nitrobenzene-d5	7.39	82	1142687	59.22	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	362650	75.31	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1981486	62.89	ng	0.00
79) Terphenyl-d14	12.96	244	1530329	56.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	213798	6.449	ng	98
75) Fluoranthene	12.58	202	129519	3.221	ng	99
78) Pyrene	12.81	202	125216	2.882	ng	96
81) Benzo(a)anthracene	14.00	228	75126m	2.182	ng	
83) Chrysene	14.04	228	76457	2.152	ng	96
88) Benzo(b)fluoranthene	15.05	252	99208m	3.248	ng	
90) Benzo(a)pyrene	15.42	252	70545	2.541	ng	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

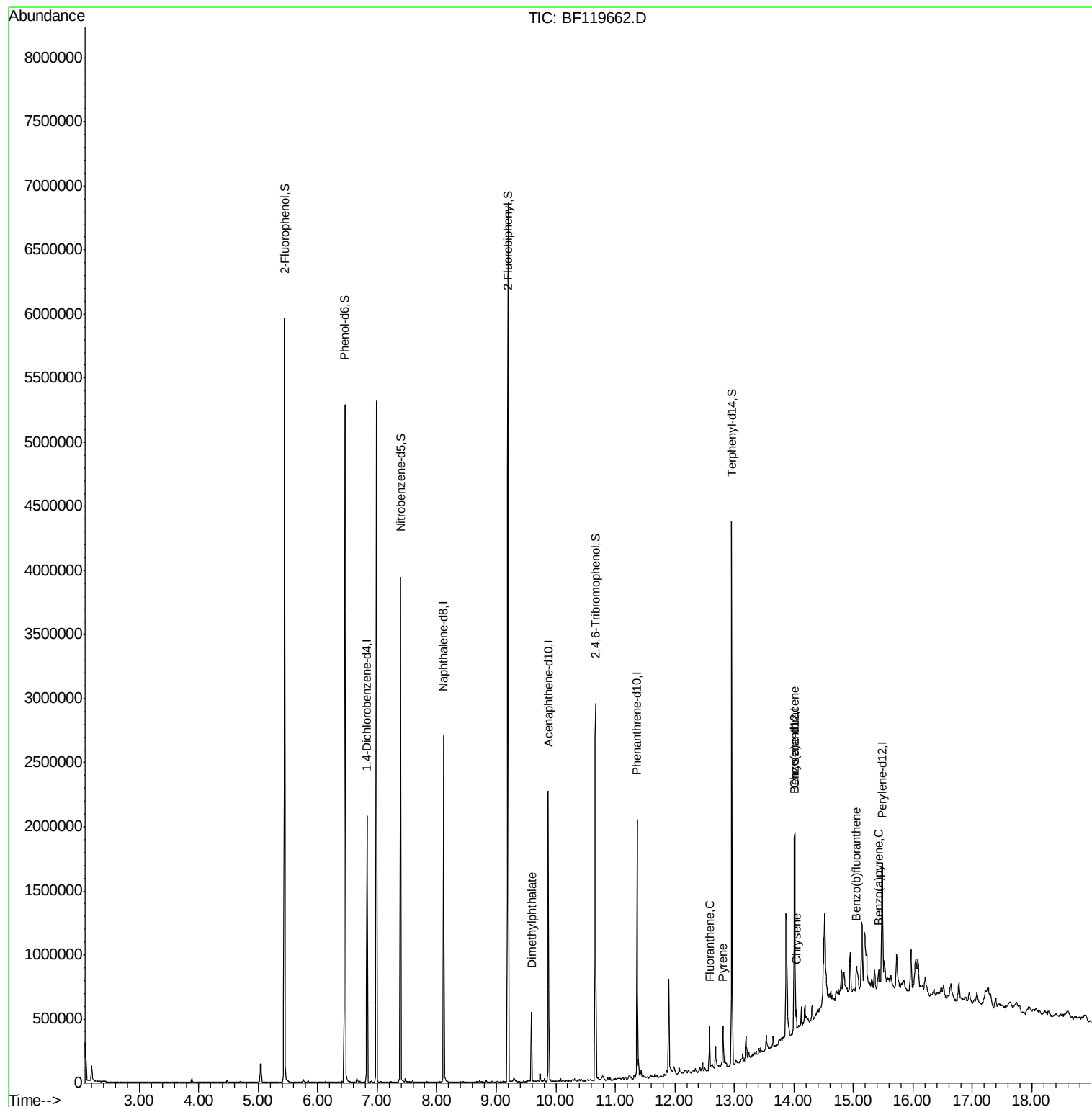
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119662.D
Acq On : 31 Mar 2020 19:55
Operator : MA/SJ
Sample : L2055-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

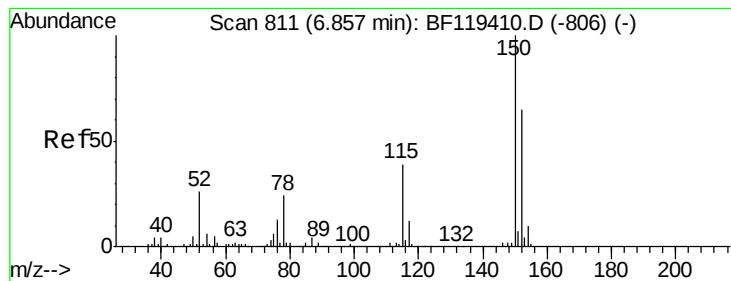
Instrument :
BNA_F
ClientSampleId :
SB-9-(1-3)

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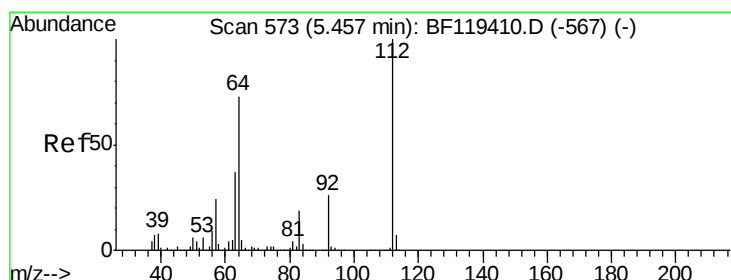
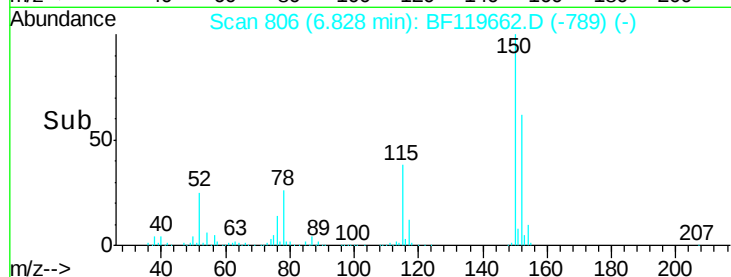
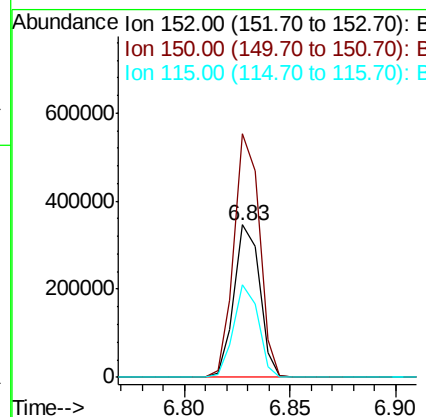
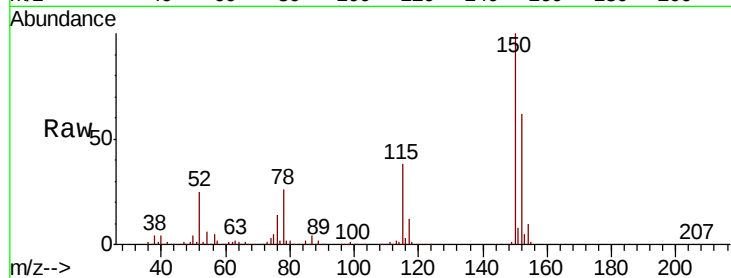
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF119662.D
 Acq: 31 Mar 2020 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.5	186.7
115	60.9	49.6	74.4

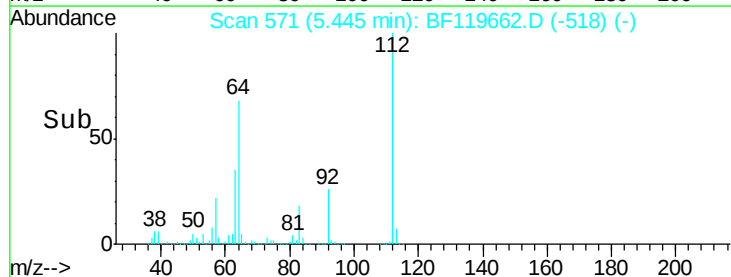
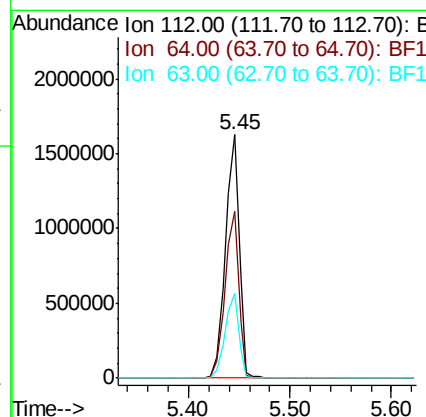
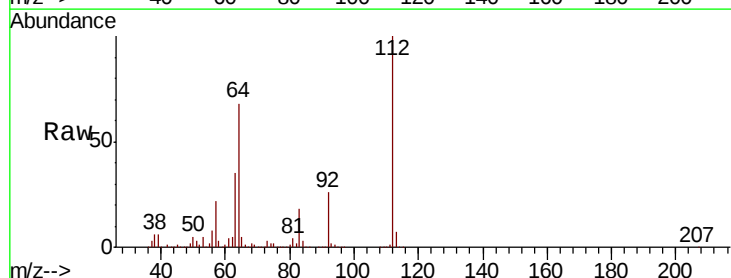
Manual Integrations
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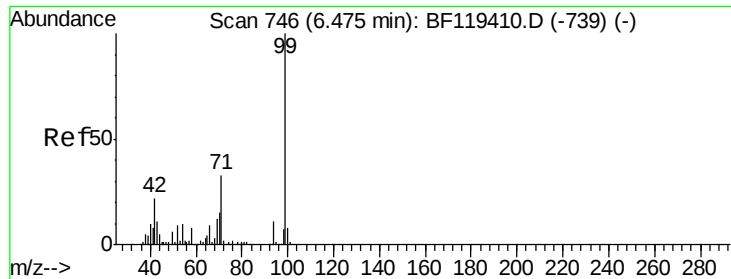
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#5
 2-Fluorophenol
 Concen: 84.538 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119662.D
 Acq: 31 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.7	85.1
63	34.7	29.5	44.3





#7

Phenol-d6

Concen: 83.435 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119662.D

Acq: 31 Mar 2020 19:55

Instrument :

BNA_F

ClientSampleId :

SB-9-(1-3)

Tot Ion: 99 Resp: 1944893

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

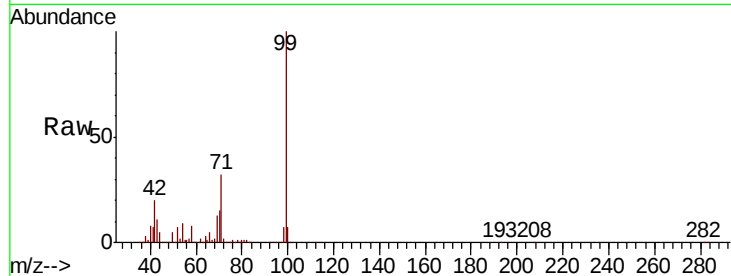
71 32.4 26.4 39.6

Manual Integrations

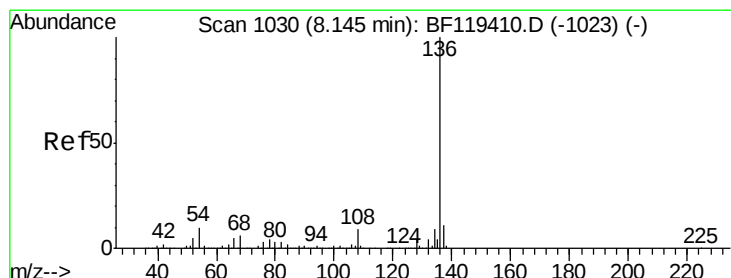
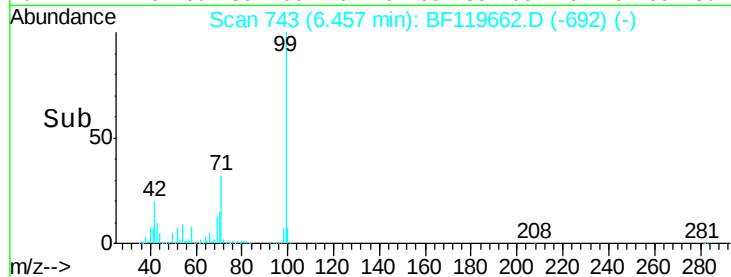
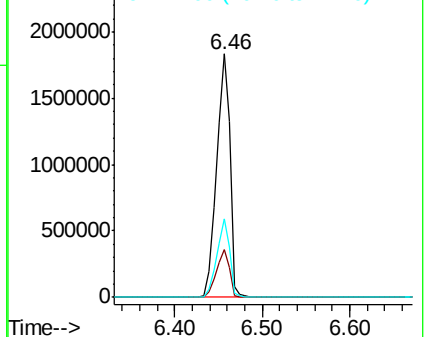
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF119662.D

Acq: 31 Mar 2020 19:55

Tgt Ion: 136 Resp: 1048737

Ion Ratio Lower Upper

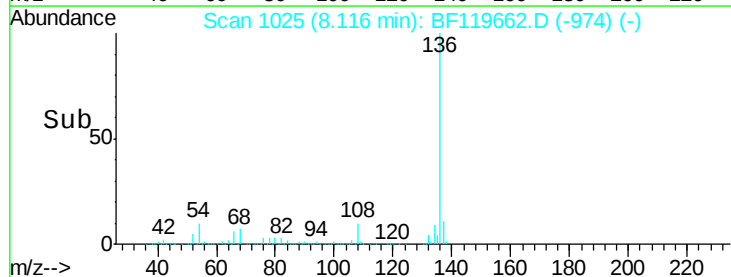
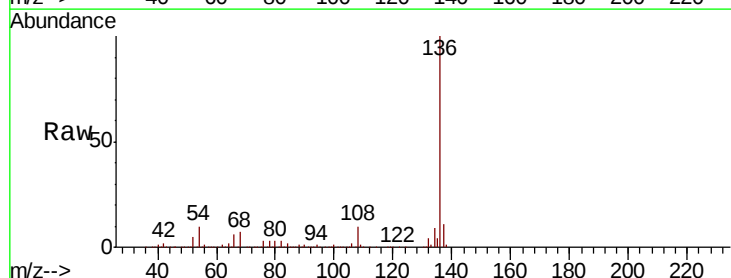
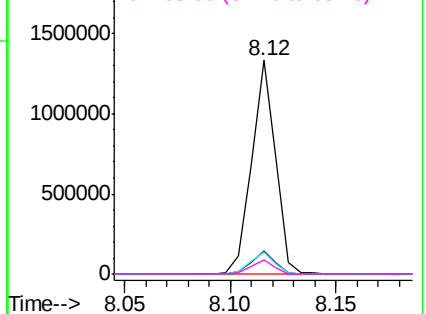
136 100

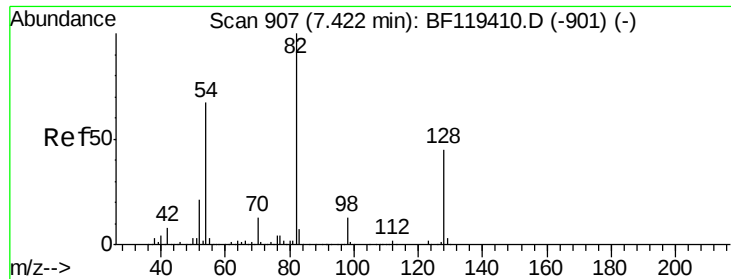
137 11.0 8.7 13.1

54 10.5 9.1 13.7

68 6.5 4.6 6.8

Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





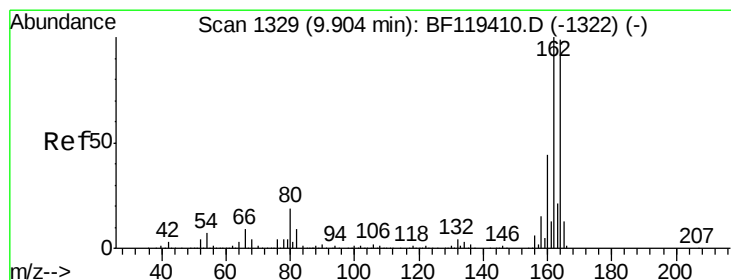
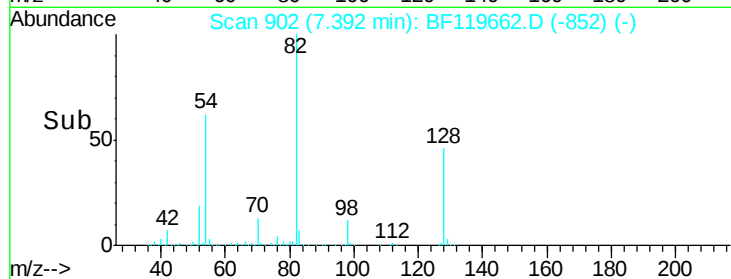
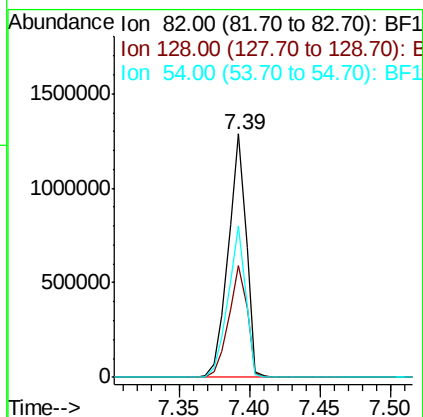
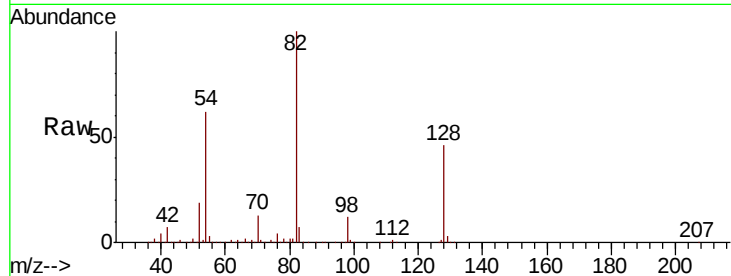
#23
Nitrobenzene-d5
Concen: 59.217 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119662.D
Acq: 31 Mar 2020 19:55

Instrument :
BNA_F
ClientSampleId :
SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	62.1	50.6	75.8

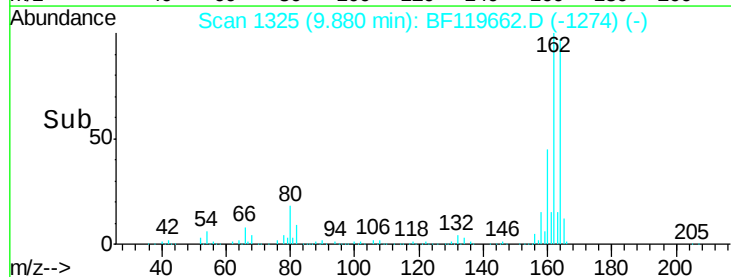
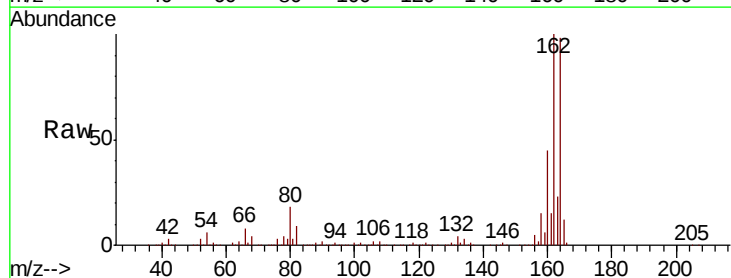
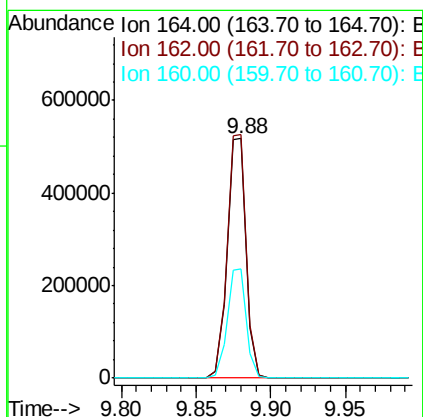
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF119662.D
Acq: 31 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	45.6	35.7	53.5





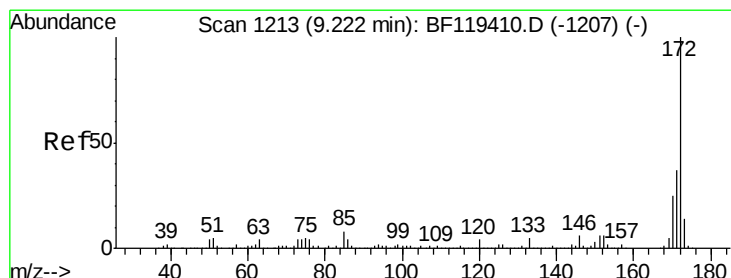
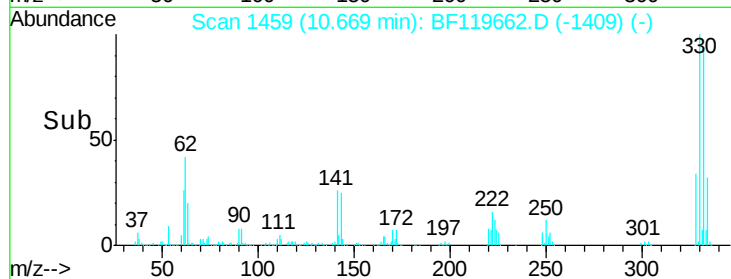
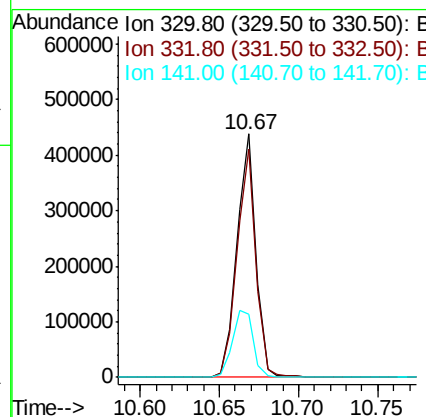
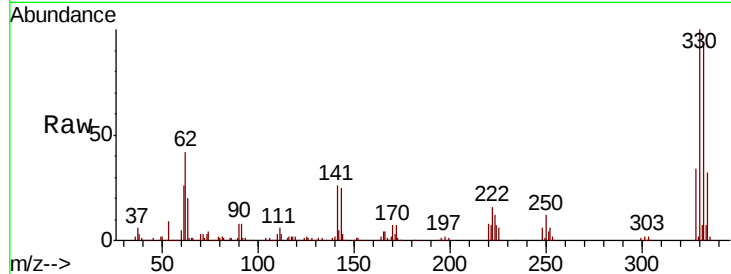
#42
 2,4,6-Tribromophenol
 Concen: 75.310 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119662.D
 Acq: 31 Mar 2020 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.7	113.5
141	30.4	25.4	38.0

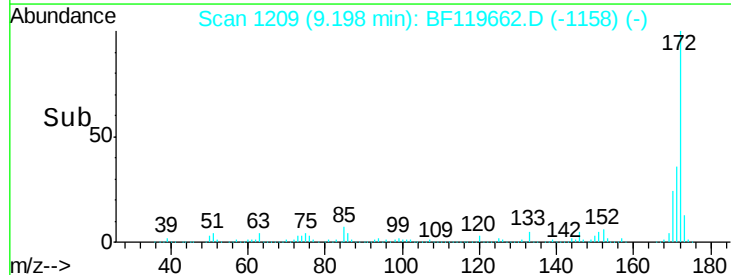
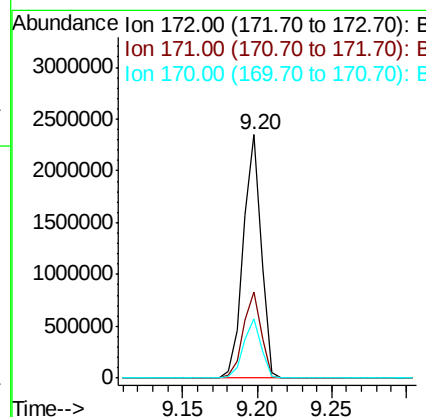
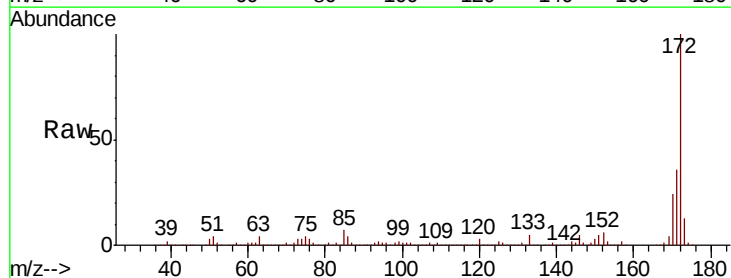
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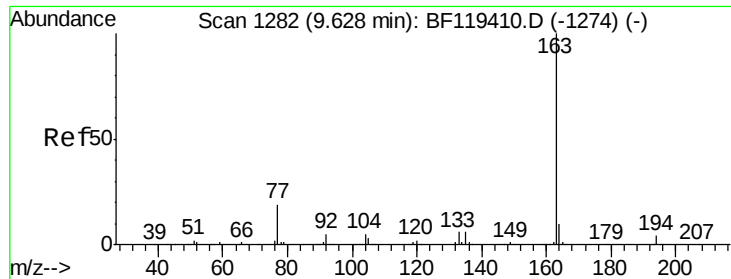
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#45
 2-Fluorobiphenyl
 Concen: 62.891 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119662.D
 Acq: 31 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.4	20.2	30.2





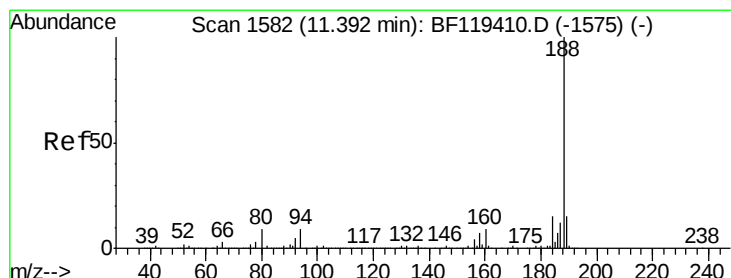
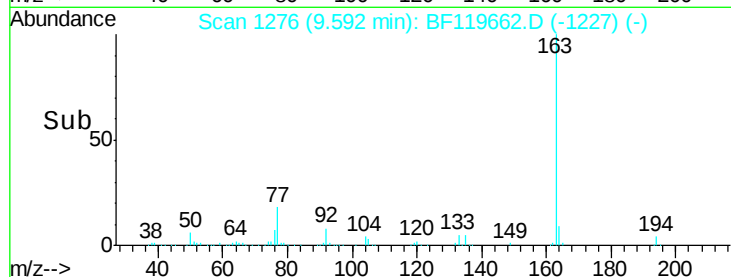
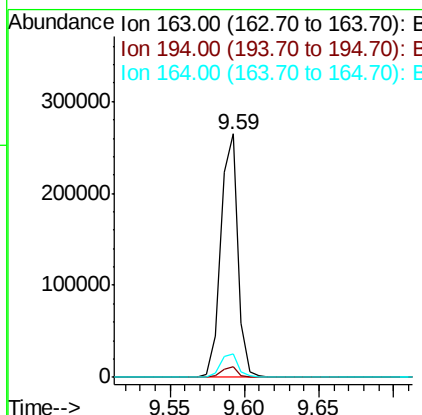
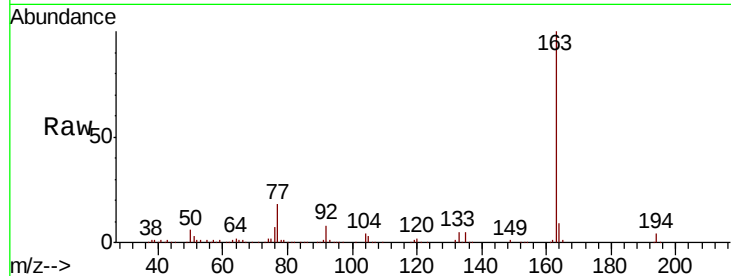
#50
Dimethylphthalate
Concen: 6.449 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF119662.D
Acq: 31 Mar 2020 19:55

Instrument :
BNA_F
ClientSampleId :
SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.5	8.2	12.2

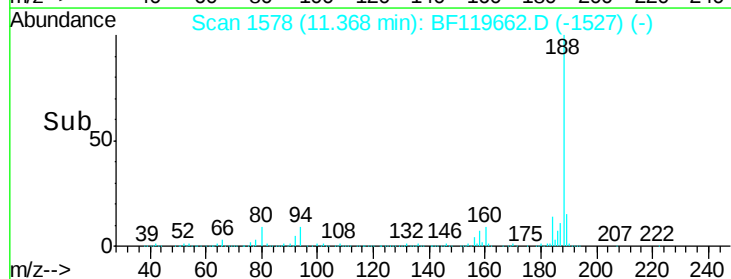
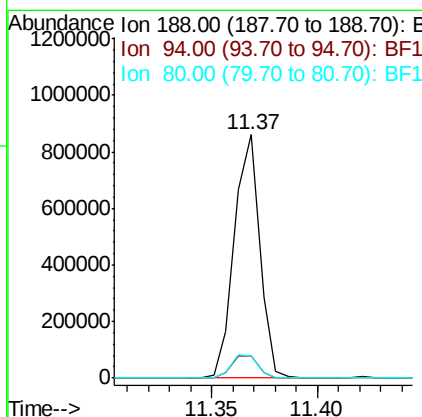
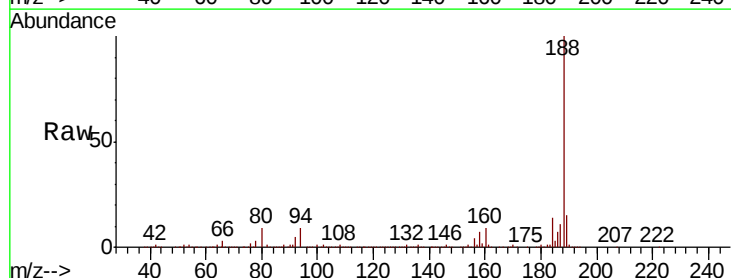
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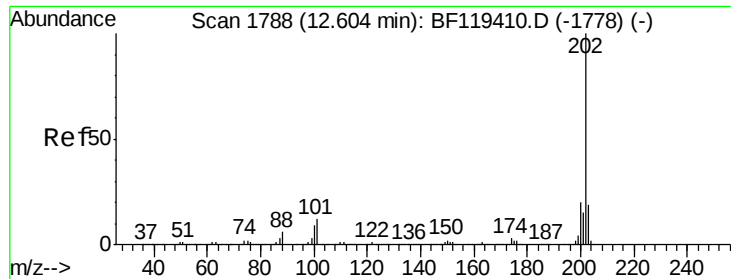
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119662.D
Acq: 31 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	9.3	9.0	13.4





#75

Fluoranthene

Concen: 3.221 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119662.D

Acq: 31 Mar 2020 19:55

Instrument :

BNA_F

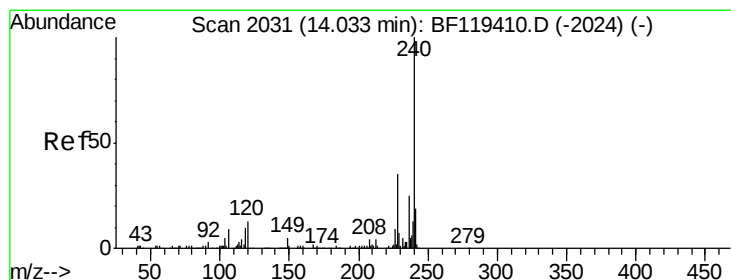
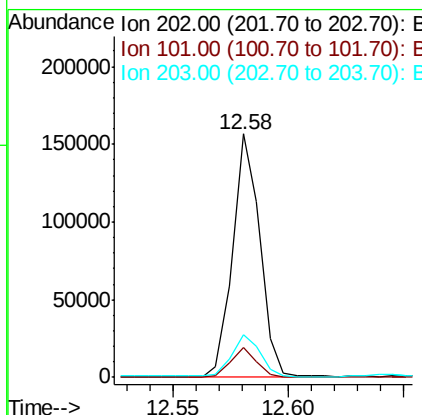
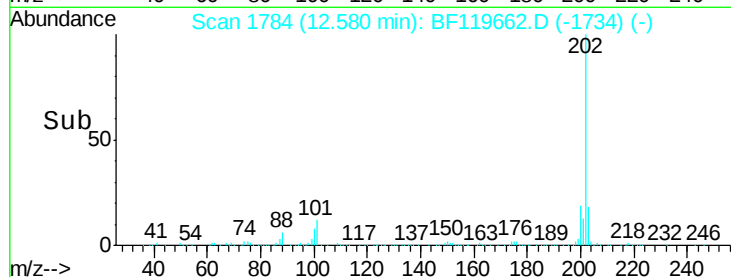
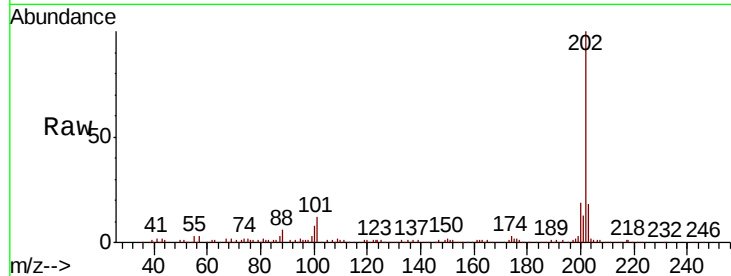
ClientSampleId :

SB-9-(1-3)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	32.2
203	17.8	0.0	38.8

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#76

Chrysene-d12

Concen: 20.000 ng

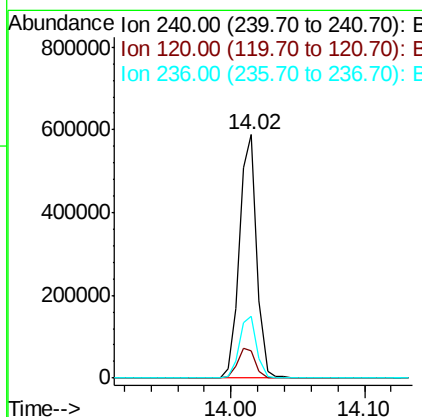
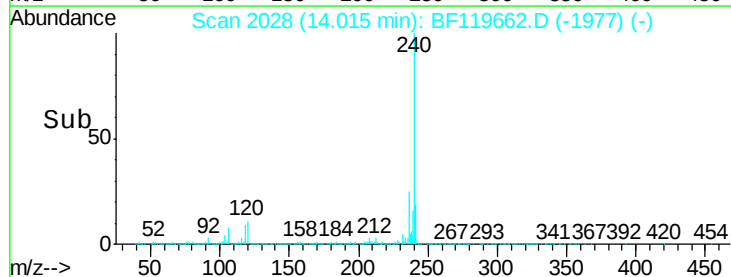
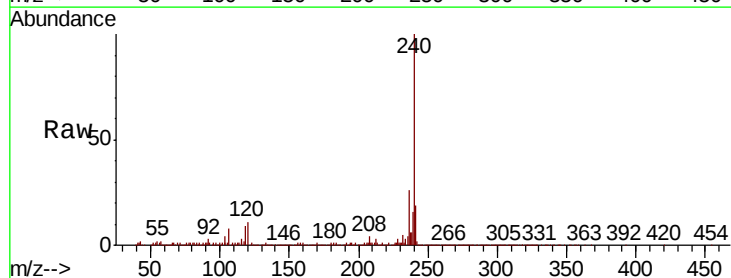
RT: 14.02 min Scan# 2028

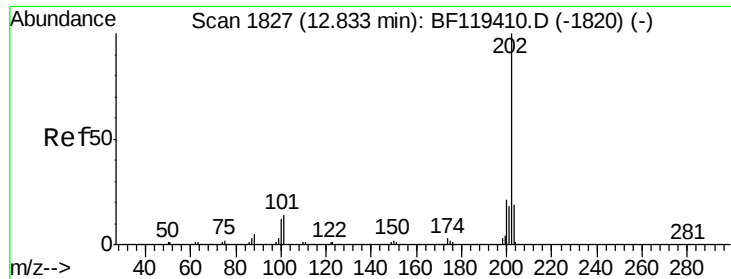
Delta R.T. -0.00 min

Lab File: BF119662.D

Acq: 31 Mar 2020 19:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	10.6	15.8
236	25.5	20.2	30.2





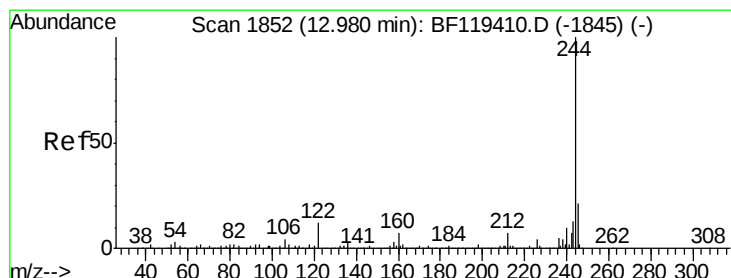
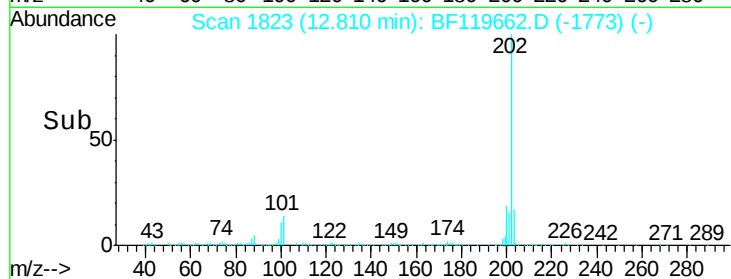
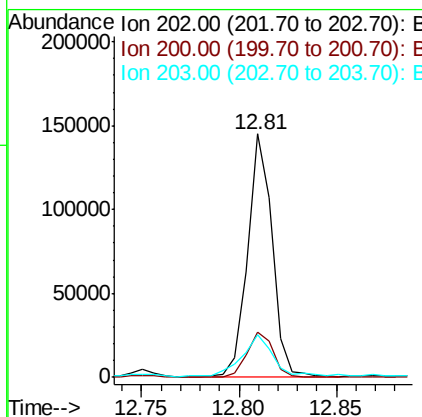
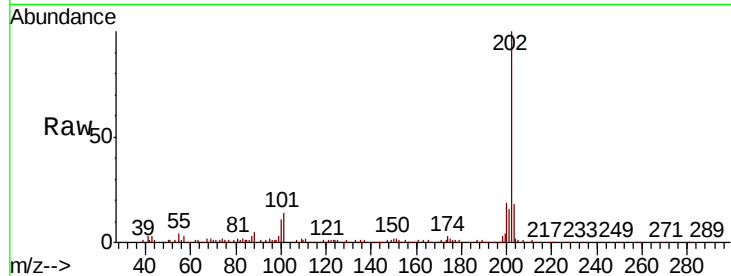
#78
Pvrene
Concen: 2.882 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF119662.D
Acq: 31 Mar 2020 19:55

Instrument :
BNA_F
ClientSampleId :
SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.6	16.8	25.2
203	17.8	15.1	22.7

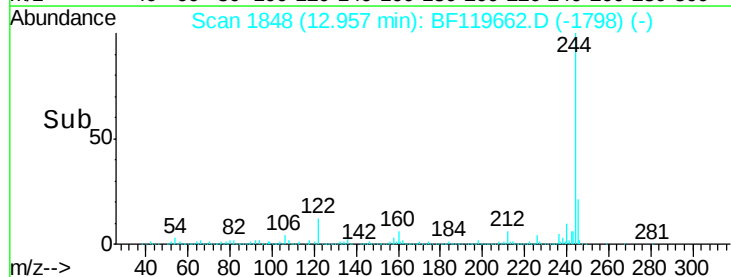
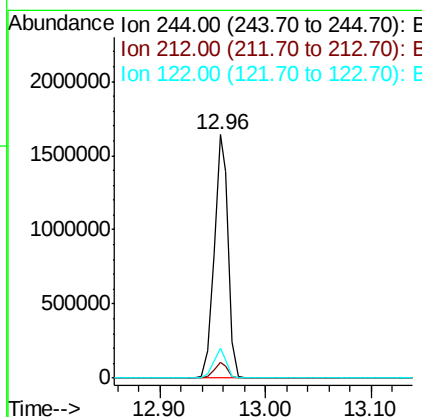
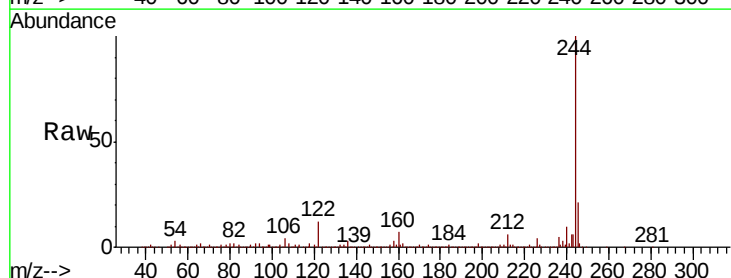
Manual Integrations
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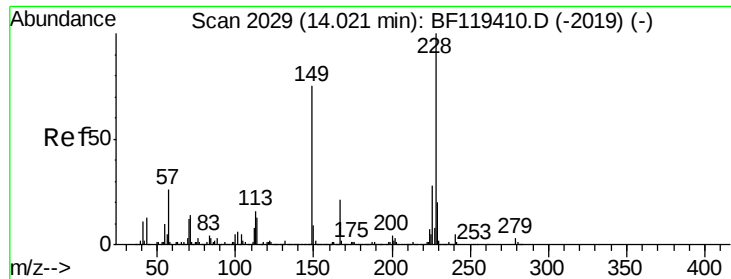
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#79
Terphenyl-d14
Concen: 56.628 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF119662.D
Acq: 31 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	12.1	10.3	15.5





#81

Benzo(a)anthracene

Concen: 2.182 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119662.D

Acq: 31 Mar 2020 19:55

Instrument :

BNA_F

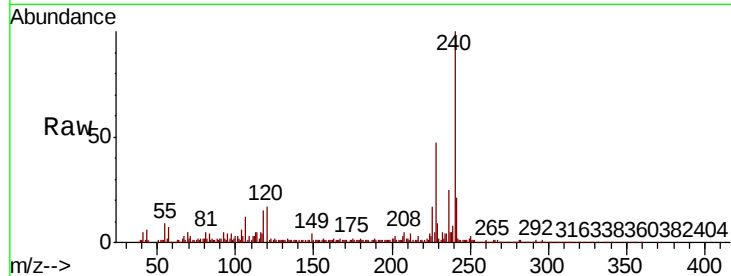
ClientSampled :

SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.4	21.8	32.8#
229	19.9	16.2	24.4

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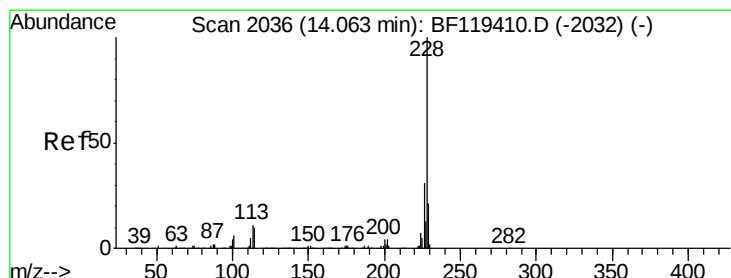
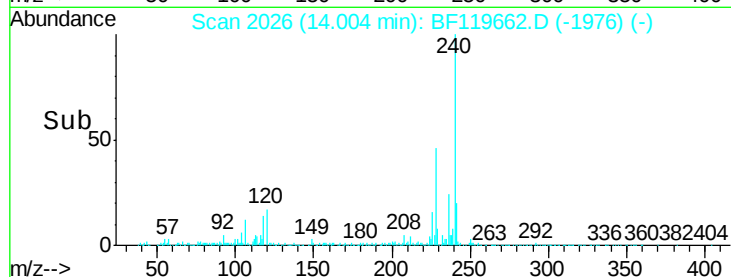
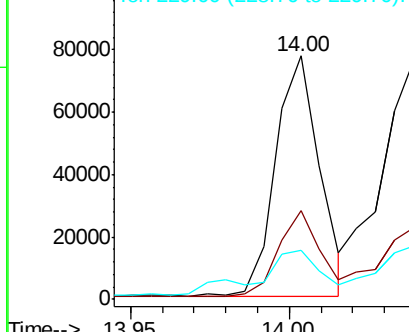


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.152 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119662.D

Acq: 31 Mar 2020 19:55

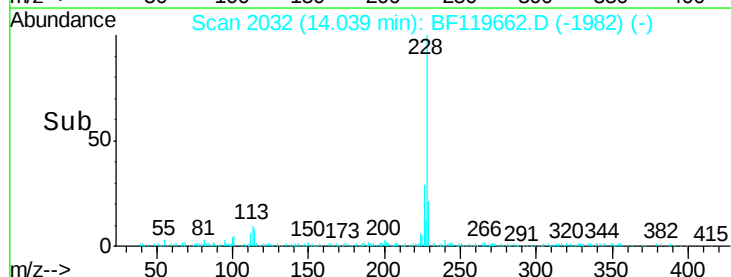
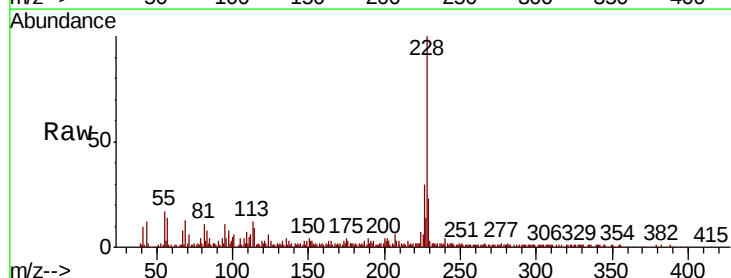
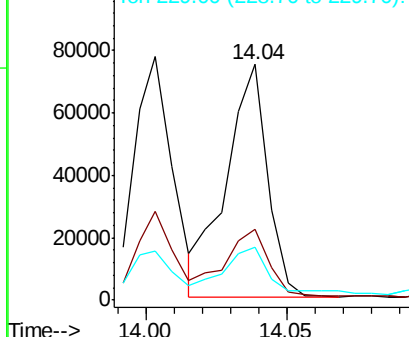
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	22.6	16.6	24.8

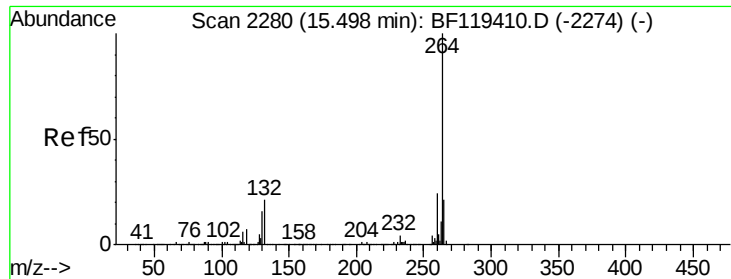
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





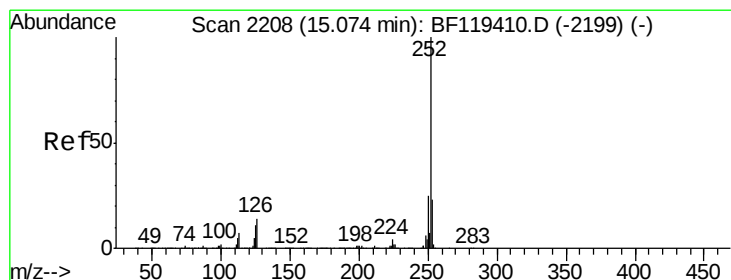
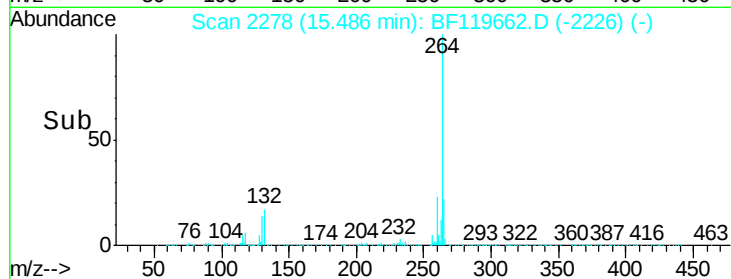
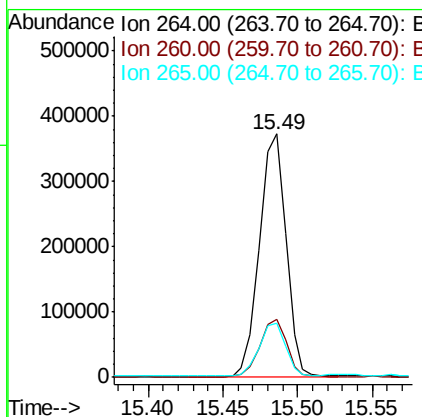
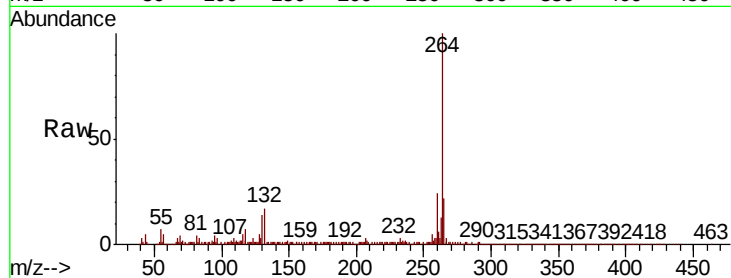
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF119662.D
Acq: 31 Mar 2020 19:55

Instrument :
BNA_F
ClientSampleId :
SB-9-(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.4	17.7	26.5

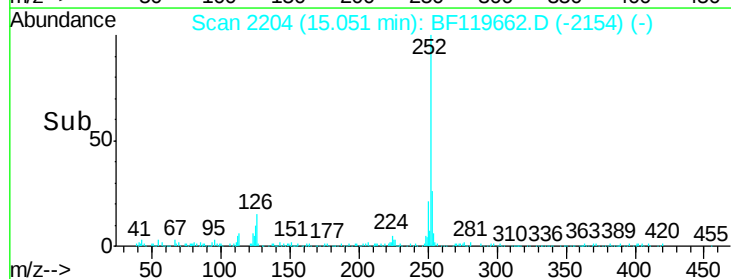
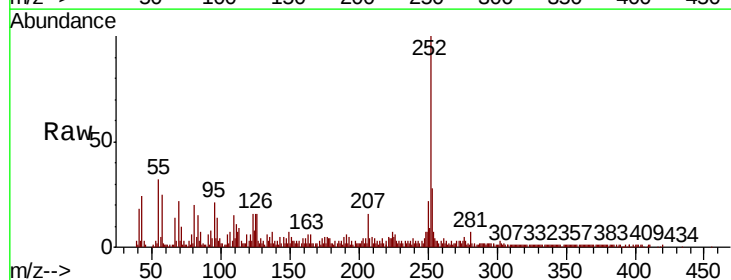
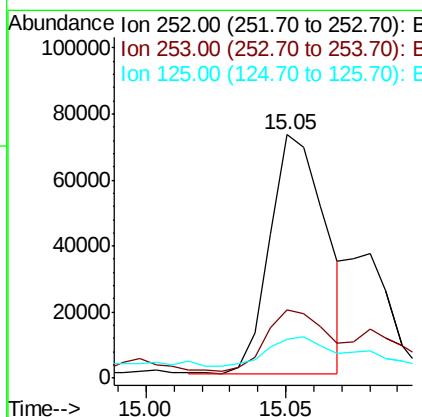
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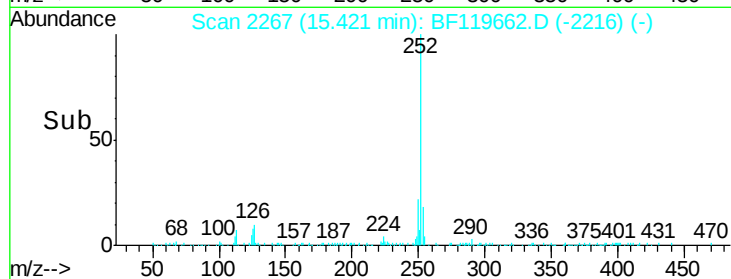
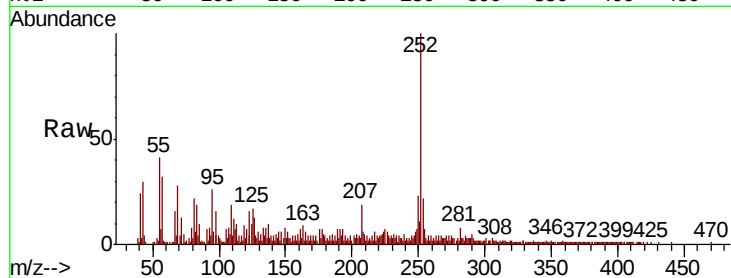
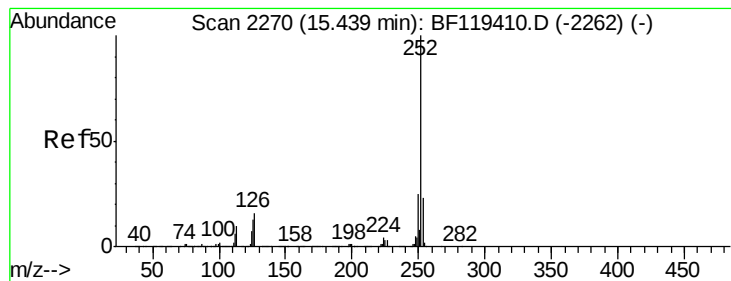
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#88
Benzo(b)fluoranthene
Concen: 3.248 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119662.D
Acq: 31 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.4	26.0#
125	15.9	7.9	11.9#





#90
 Benzo(a)pyrene
 Concen: 2.541 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF119662.D
 Acq: 31 Mar 2020 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-(1-3)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	18.2	27.2
125	16.8	9.4	14.2

Manual Integrations
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